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EUROPEAN PATENT APPLICATION

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(54) Information storage and information transmission media with parental control

(57) Parental information of a video program recorded on an optical disk is always checked (S43 to S45) in a disk player. Even if a jump of laser beam tracing of an optical head erroneously occurs due to shocks or vibrations, the content of parental information assigned to the destination of optical head jumping is checked, to thereby achieve an accurate parental control of selective restriction for the video whose reproduction or presentation is restricted by the parental information.

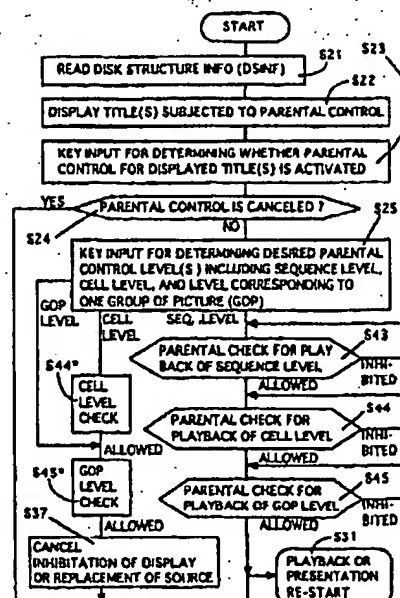


FIG. 29

0 737 974 A3

EP 0 737 974 A3

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EUROPEAN SEARCH REPORT

Application Number
EP 96 10 5817

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	EP 0 635 835 A (SONY CORPORATION)	1,9-11, 13,16, 20, 22-29, 31-37, 79,95, 97,105	G11B20/00 H04N5/91 G11B27/32 H04N5/926 H04N5/92 H04N5/85 H04N7/16 H04N7/52 H04H1/00
A	* column 13, line 15 - column 38, line 33 *	5,12,14, 15, 17-19, 21,30, 83,84, 88,91,98	G11B19/12 G11B23/28 //G11B7/00
X	WO 95 08231 A (SPYRUS, INC.)	1,5,20, 91,95, 105,108	
A	* the whole document *	9-19, 21-37, 40,44, 48-76, 79,83, 84,88,98	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G11B H04N H04H H04K G06F H04L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14 February 1997	Examiner Daalman, F
CATEGORY OF CITED DOCUMENTS		T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons A: technological background O: non-written disclosure P: intermediate document A: member of the same patent family, corresponding document	
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	WO 95 03655 A (OAKLEIGH SYSTEMS, INC.)	1,5,20, 91,95, 105,108	
A	* page 6, line 18 - line 24 * * page 7, line 33 - page 8, line 27 * * page 11, line 12 - line 30 * * page 12, line 7 - page 13, line 15; figures 3,5 *	9-19, 21-37, 40,44, 48-76, 79,83, 84,88,98	
X	--- PATENT ABSTRACTS OF JAPAN vol. 18, no. 365 (P-1767), 8 July 1994 & JP 06 095871 A (FUJITSU, LTD.), 8 April 1994, * abstract * P,A:&US 5440631 A	1,5,20, 91,95, 105,108	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	---	9-19, 21-37, 40,44, 48-76, 79,83, 84,88, 98,105	
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The present search report has been drawn up for all claims			
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EP 0 737 974 A3

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X A	PATENT ABSTRACTS OF JAPAN vol. 7, no. 253 (P-235), 10 November 1983 & JP 58 137138 A (SANYO DENKI K.K.), 15 August 1983, * abstract *	1,40,79 5,9-37, 44, 48-76, 83,84, 88,91, 95,98, 105	
X A	EP 0 406 021 A (SHARP K.K.) * page 22, line 45 - page 23, line 19 *	1,79,91, 105 5,9-37, 83,84, 88,95,98	
X A	EP 0 459 157 A (NEC CORPORATION) * the whole document *	1,20,21, 29,95 5,9-19, 22-28, 30-37, 89,105	
P,X	EP 0 677 842 A (K.K.TOSHIBA) * column 2, line 13 - line 19 * * column 5, line 25 - line 32 * * column 12, line 14 - column 18, line 5; claims 1,2,26 * (L:applicant) --- -/--	1,2,4-6, 8-38, 95-98, 105,106, 108	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14 February 1997	Examiner Daalmans, F
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
P,X	EP 0 668 695 A (VICTOR COMPANY OF JAPAN, LIMITED)	5-7,12, 14,15, 21,24, 30,33, 38,39	
P,A	* the whole document *	1-3, 9-11,13, 16-20, 22,23, 25-29, 31,32, 34-37, 95,96, 98-107	
P,X	WO 95 12275 A (TIME WARNER ENTERTAINMENT CO., L.P.)	1,2,4, 20,29, 95-98, 105,106, 108	
P,A	* the whole document *	5,9-38	
P,X	WO 95 12200 A (TIME WARNER ENTERTAINMENT CO., L.P.)	1,2,4, 20,29, 95-98, 105,106, 108	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
P,A	* the whole document *	5,9-38	
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		14 February 1997	Daalmans, F
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document</p>			

EP 0 737 974 A3

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CL.6)
A	EP 0 450 841 A (GTE LABORATORIES, INC.) * column 2, line 6 - line 12 * * column 3, line 10 - column 4, line 55 * ---	1,2,5,6, 9-37,40, 41,44, 45, 48-77, 95,96, 98,101, 105,106	
A	US 5 172 111 A (OLIVO, JR.) * the whole document * ---	1,2,4-6, 8-38,79, 80, 82-85, 87-89, 91,92, 94-98, 105,106, 108	TECHNICAL FIELDS SEARCHED (Int. CL.6)
A	US 4 930 160 A (VOGEL) * the whole document * ---	1-6, 8-38,40, 41, 43-45, 47-77, 95-98, 101,105, 106,108	
A	US 4 930 158 A (VOGEL) * the whole document * ---	1,2,4-6, 8-38, 95-98, 101,105, 106,108	
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The present search report has been drawn up for all claims			
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	EP 0 389 689 A (PHILIPS AND DU PONT OPTICAL DEUTSCHLAND GMBH.) * the whole document *	1,5, 9-37,40, 44, 48-76, 95,98, 105	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	EP 0 644 692 A (K.K.TOSHIBA) * the whole document *	1,5, 9-37,79, 83,84, 88,91, 95,105	
A	EP 0 593 305 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) * the whole document *	1,5, 9-37,79, 83,84, 88,91, 95,98, 105	
A	PATENT ABSTRACTS OF JAPAN vol. 18, no. 574 (P-1821), 2 November 1994 & JP 06 208760 A (TOSHIBA CORP.), 26 July 1994, * abstract *	1,5, 9-37,40, 44, 48-76, 95,98, 105	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14 February 1997	Examiner Daalman, F
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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	EP 0 424 903 A (NEC CORPORATION)	1,5, 9-37,40, 44, 48-76, 79,83, 84,88, 91,95, 98,105	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
	* the whole document *		
P,A	EP 0 651 391 A (K.K.TOSHIBA)	1,5, 9-37,40, 44, 48-76, 95,98, 105	
	* the whole document *		
P,A	EP 0 675 493 A (K.K.TOSHIBA)	1,2,4-6, 8-38, 95-98, 105,106, 108	
	* column 3, line 31 - column 4, line 43; claims 11,20 *		
The present search report has been drawn up for all claims			
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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet -B-

- ☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respects of which search fees have been paid, namely claims:
- ☐ None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



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EP 96 10 5817 - B -

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions, namely:

1. Claims 1-39, 79-108 : Recording medium and recording and reproducing apparatus.
2. Claims 40-78 : System for broadcasting or communicating information.

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